

FIG. 1

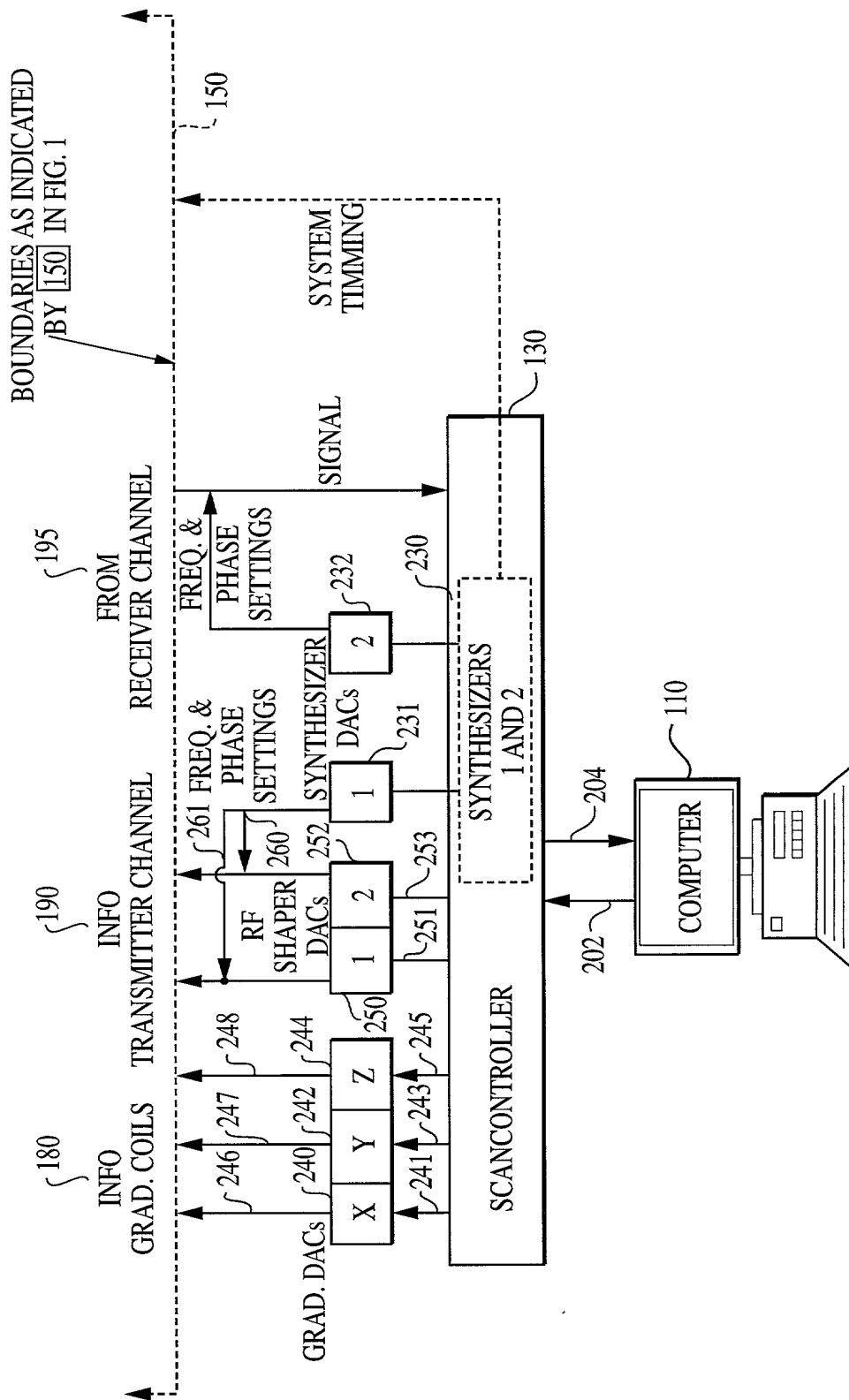


FIG. 2

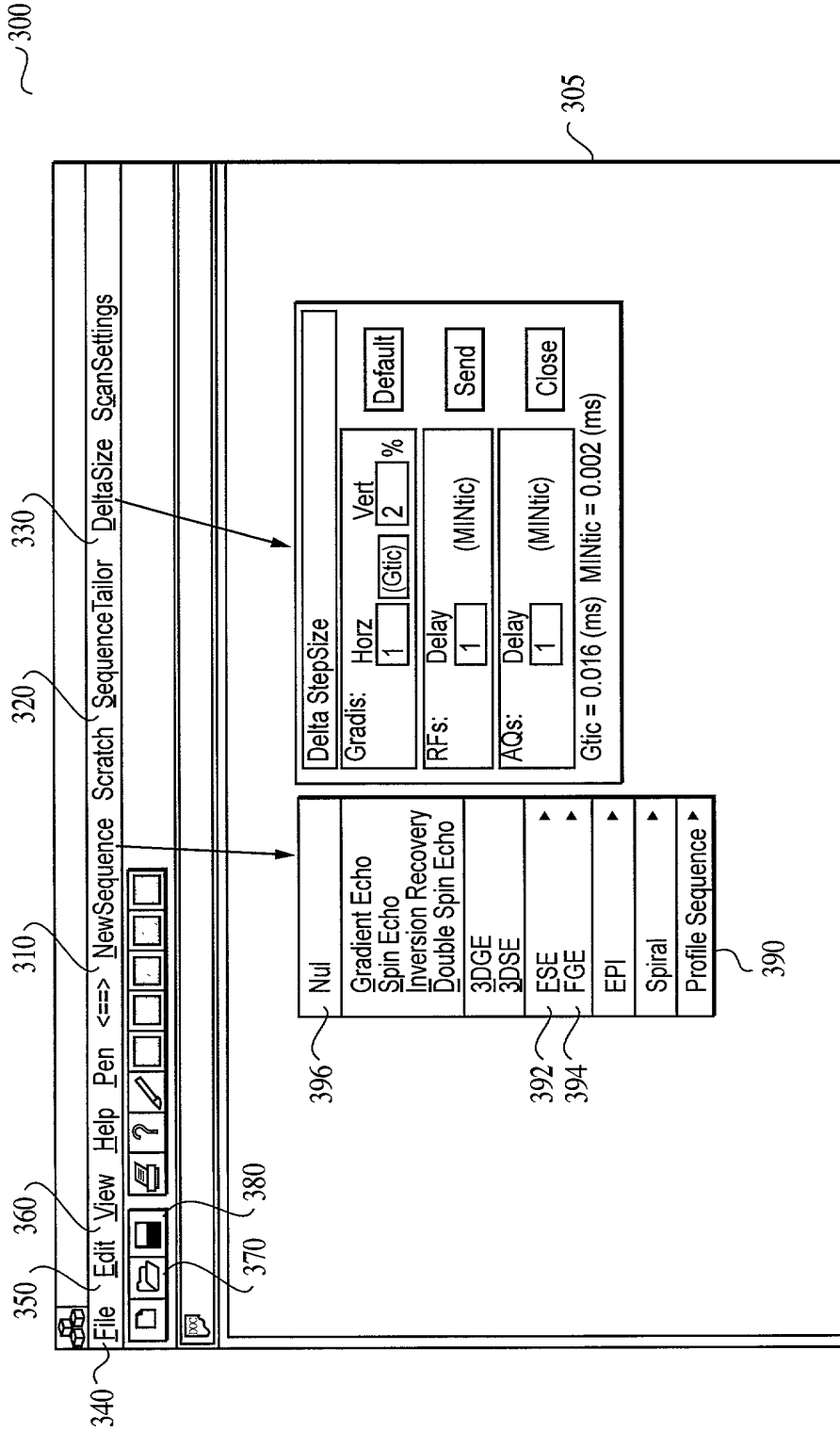


FIG. 3

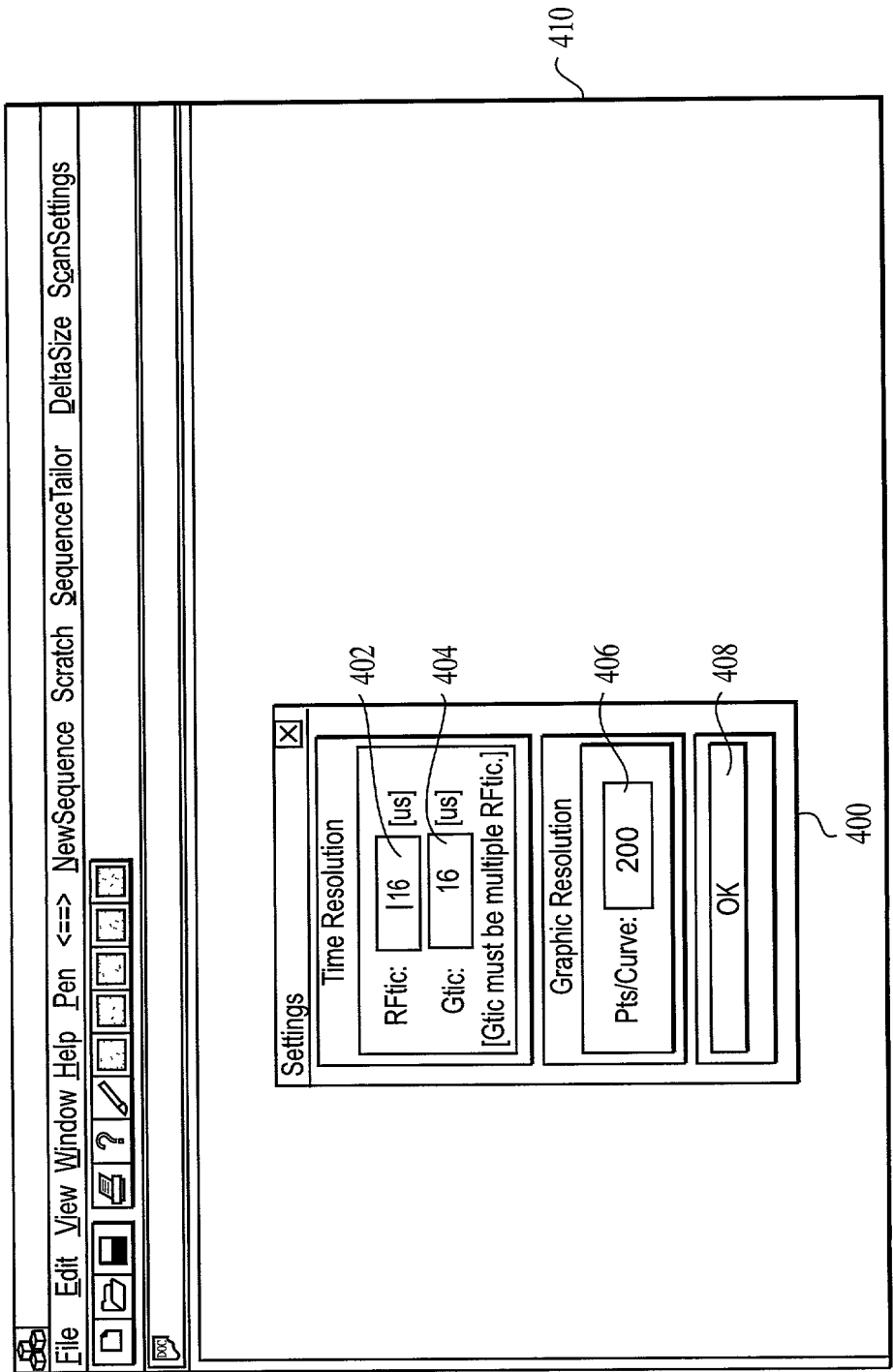


FIG. 4

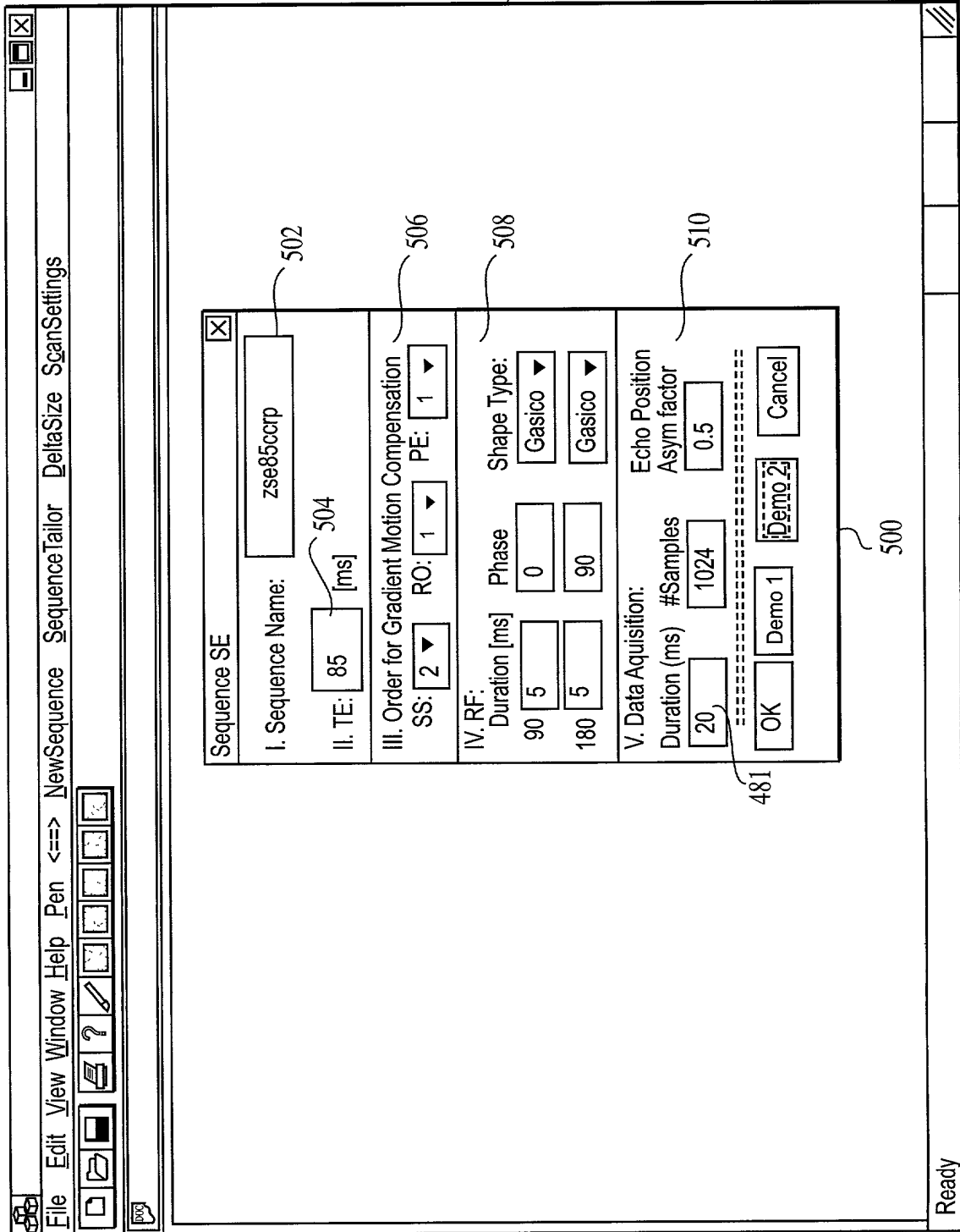


FIG. 5

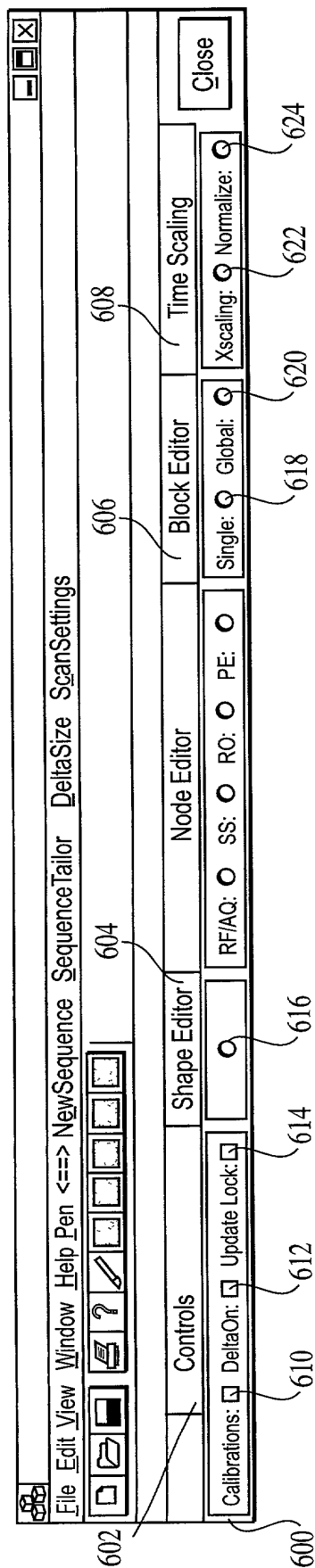


FIG. 6

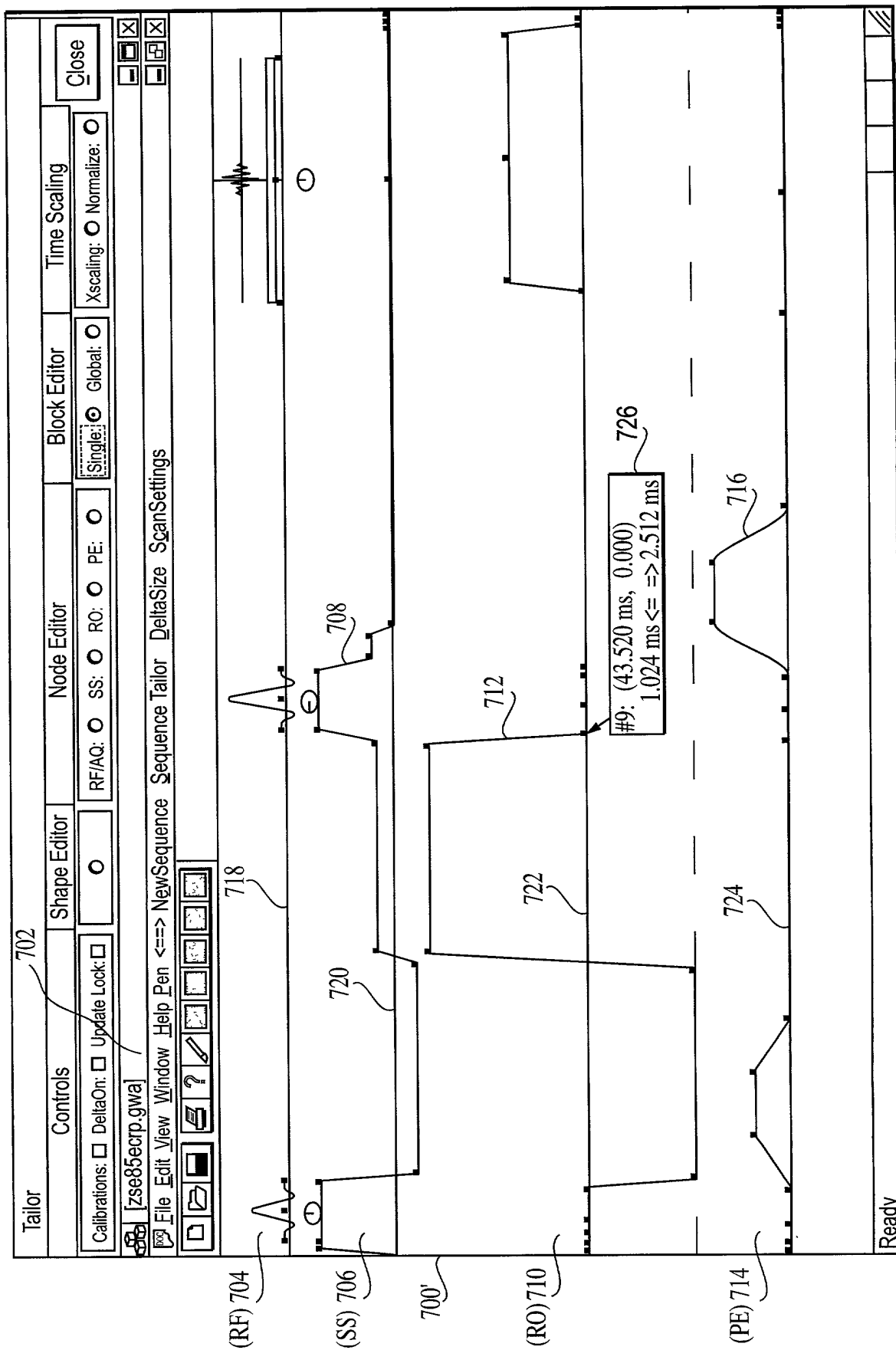


FIG. 7

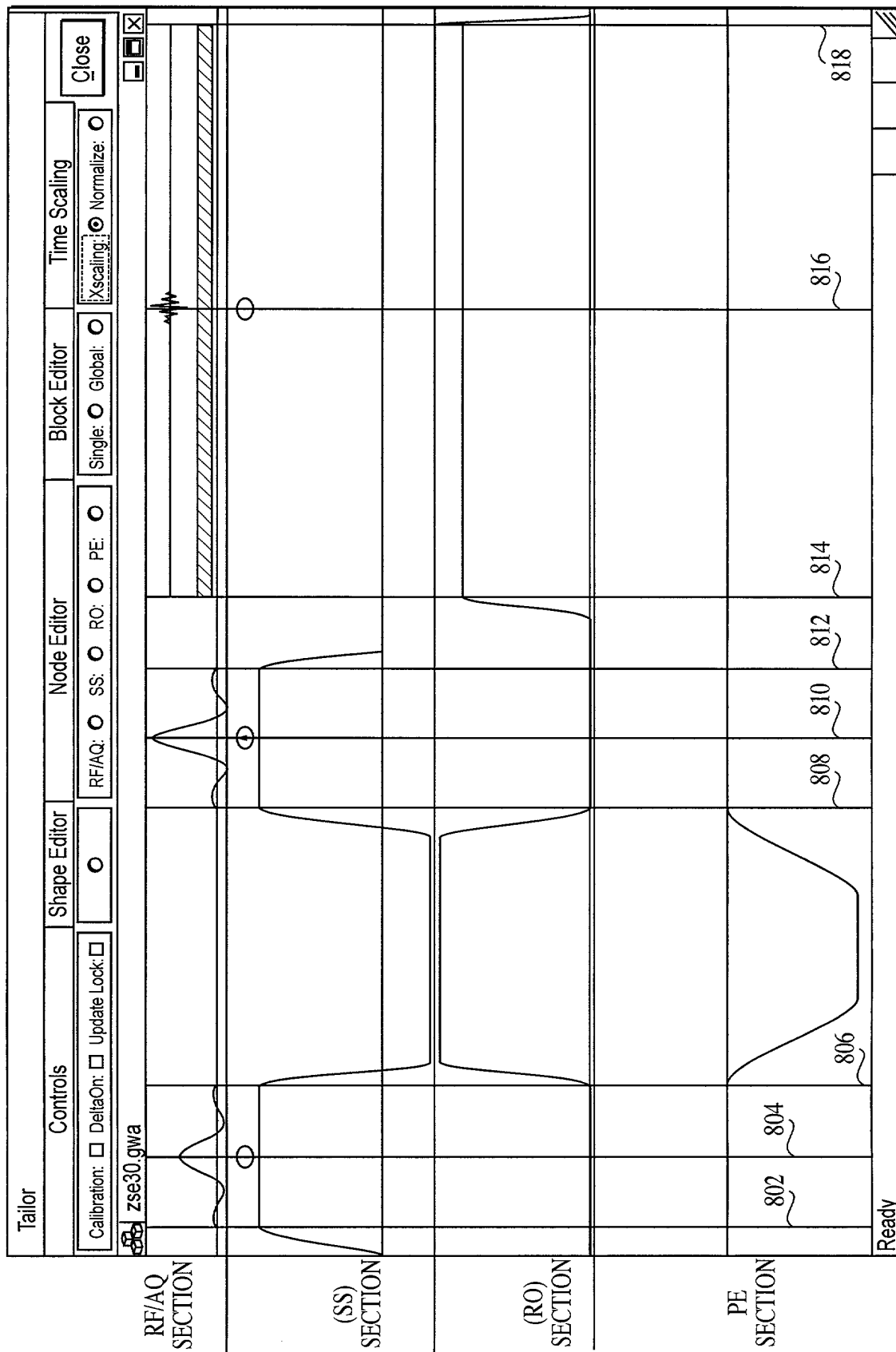


FIG. 8A

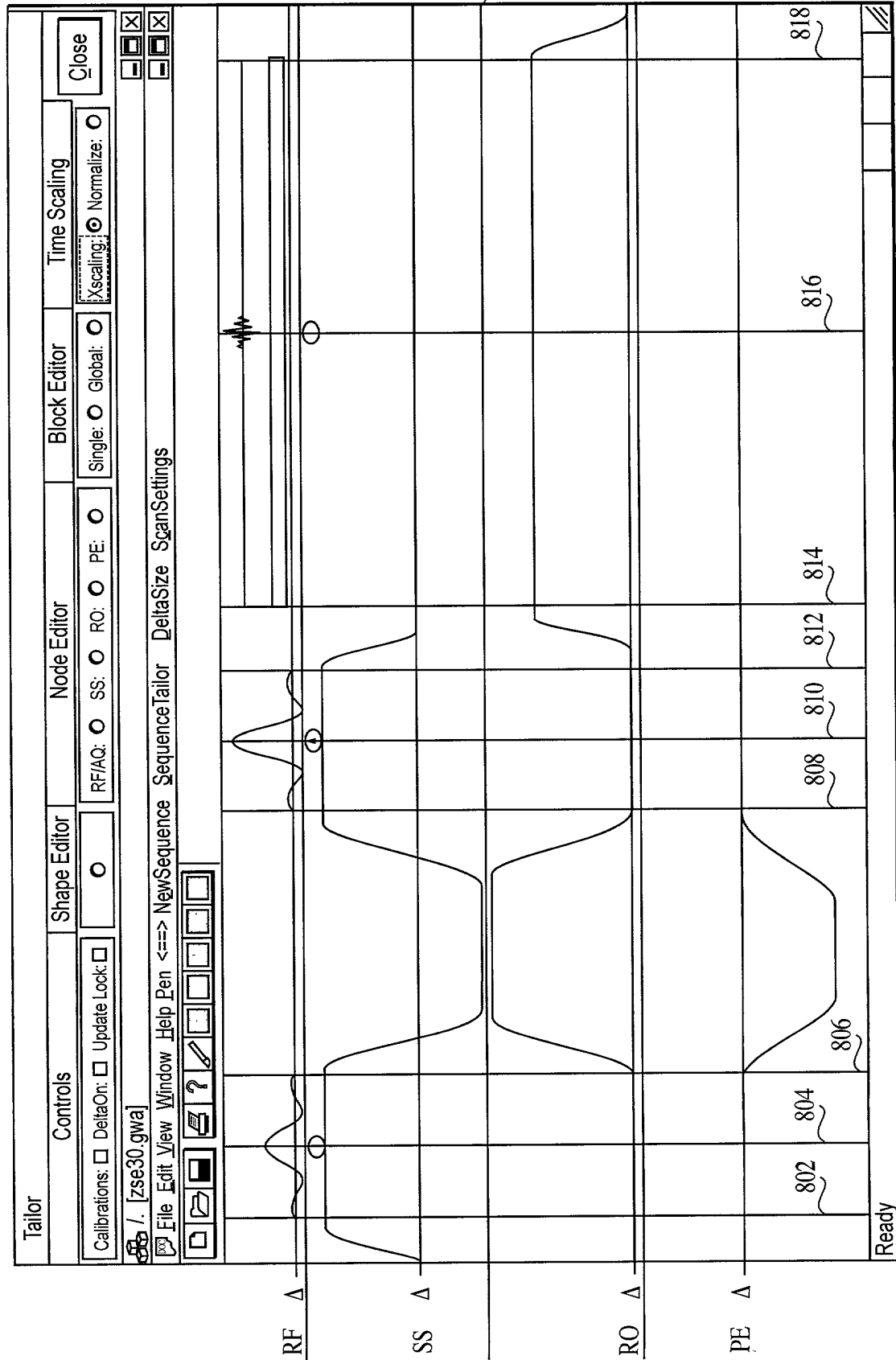


FIG. 8B

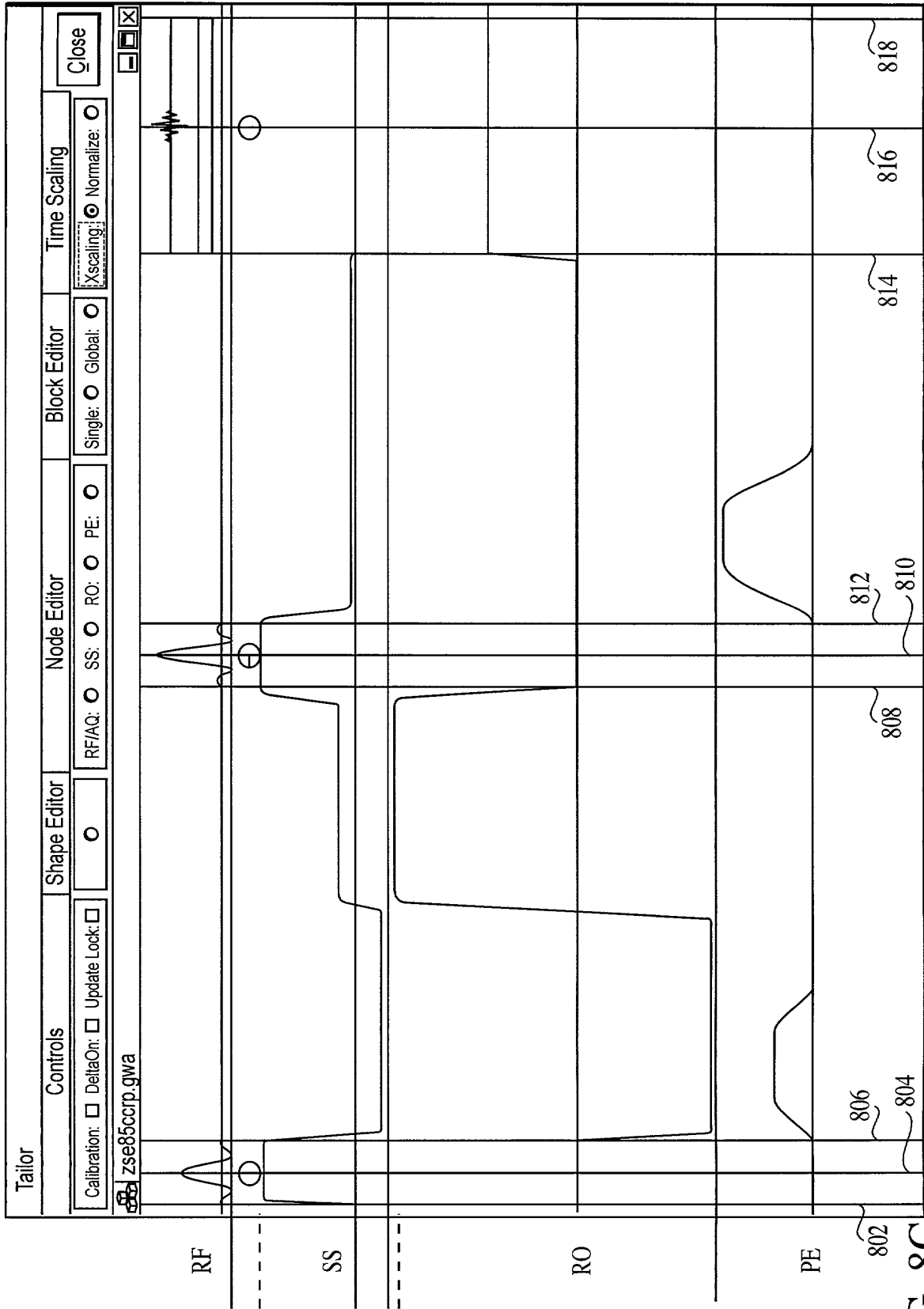


FIG. 8C

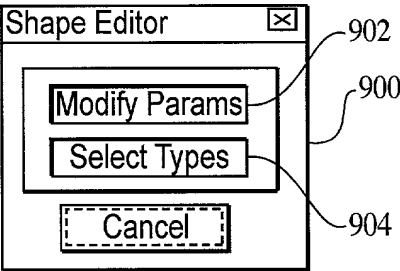


FIG. 9A

Shape Modification:

Gasico Paramters:

1. Amplitude of Sinc:
2. Cycles of Sinc:
3. Exponetial of Sinc:
4. Amplitude of Cosine:
5. Cycle of Cosine:
6. Exponetial of Cosine:

Asymmetric factor:

Cancel:

912 914 916 918 920 922 924 910

FIG. 9B

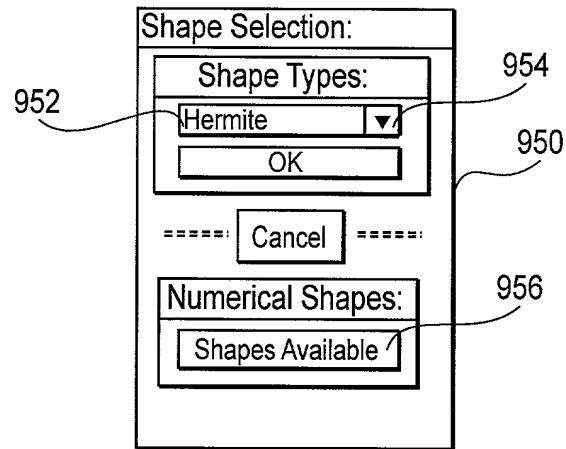


FIG. 9C

zge12cr.gwa

File Edit View Window Help Pen <=> NewSequence Sequence Tailor DeltaSize ScanSettings

zge12cr.gwa

Calibrate: ☐ DeltaOn: ☐ Shape: ☐

Controls: ☐ MRI Scans: ☐ Scans a Gradient Wave: ☐ Scans a Shape: ☐

2D - Scan: ☐ 2D - Variable TR Scan: ☐ 3D - Scan: ☐ FSE 2D - Scan: ☐ FSE 3D - Scan: ☐ Multiple 2D - Scans: ☐ Multiple 3D - Scans: ☐ Combo Scans: ☐ Static Combo: ☐ Dynamic Combo: ☐

Editor: ☐ Global: ☐ Rescale: ☐

Setting Combo Imaging Parameters

Combo-Seq Name: zge12cr-zse30

Number of Slices: 1062

Slice Thickness: 1064

Number of Levels: 1066

PE DFT Size: 1068

1 <=> # Levels/Cycle => 256

Present Seq: zge12cr

TE [ms]: 1052

TR [ms]: 1058

180 RF Flip: -84215

Associate Seq: zse30

TE [ms]: 1054

TR [ms]: 1060

180 RF Flip: 0

1024 = Samples = 1024

256 = Offset = 256

1.6801 = RO_mult = 1.0016

Cancel

OK

FIG. 10A

Setting Imaging Parameters

Sequence

Sequence Name: zse85ccrp

TE [ms]: 84.992

Imaging Parameters

Number of Slices: 1

Slice Thickness: 7

TR [ms]: 99.552

Number of Levels: 256

DFT Size: 256

180 RF Flipping: 1

OK

Cancel

1082

1084

1086

1088

1080

1090

1092

1094

1096

FIG. 10C

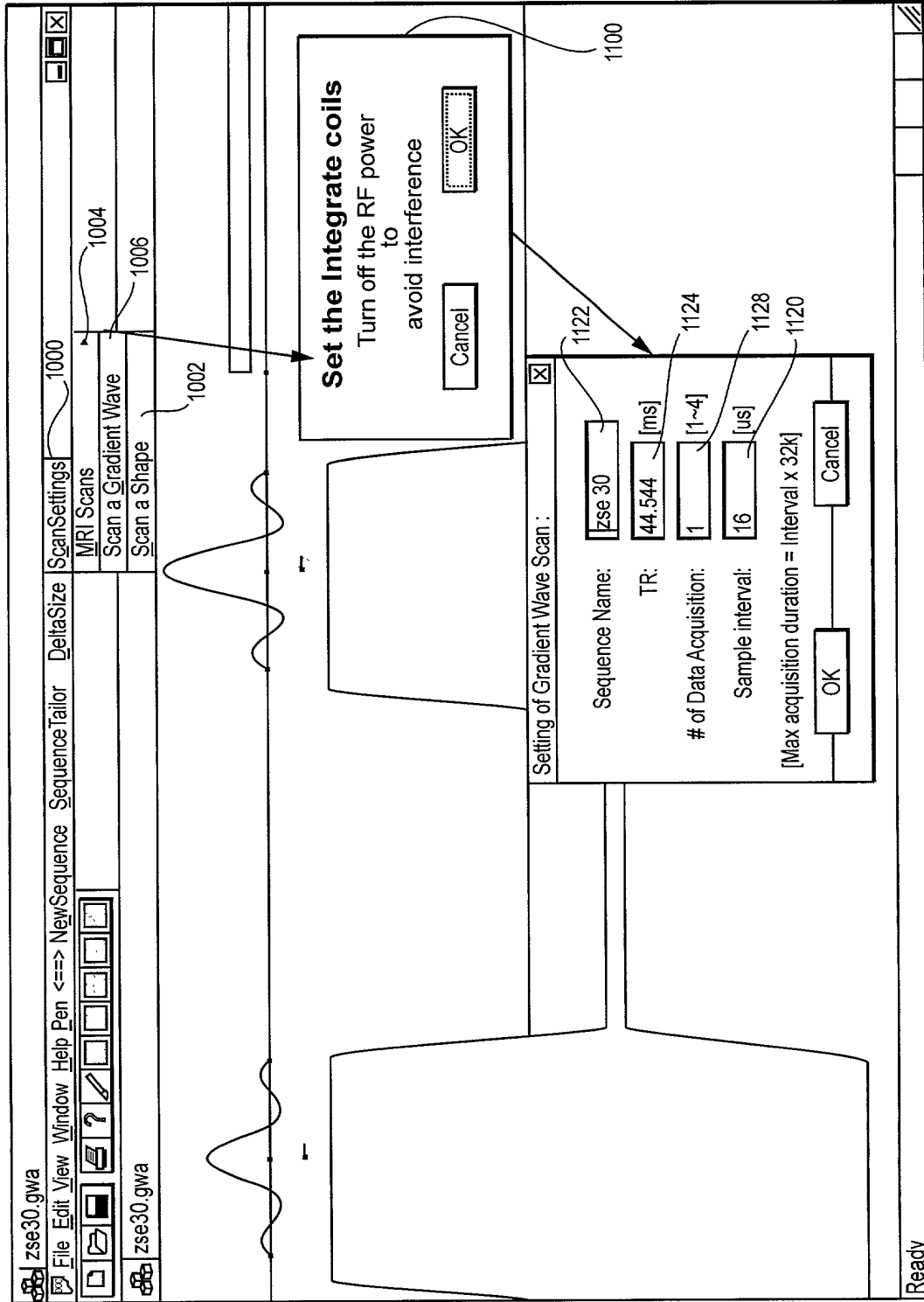


FIG. 11

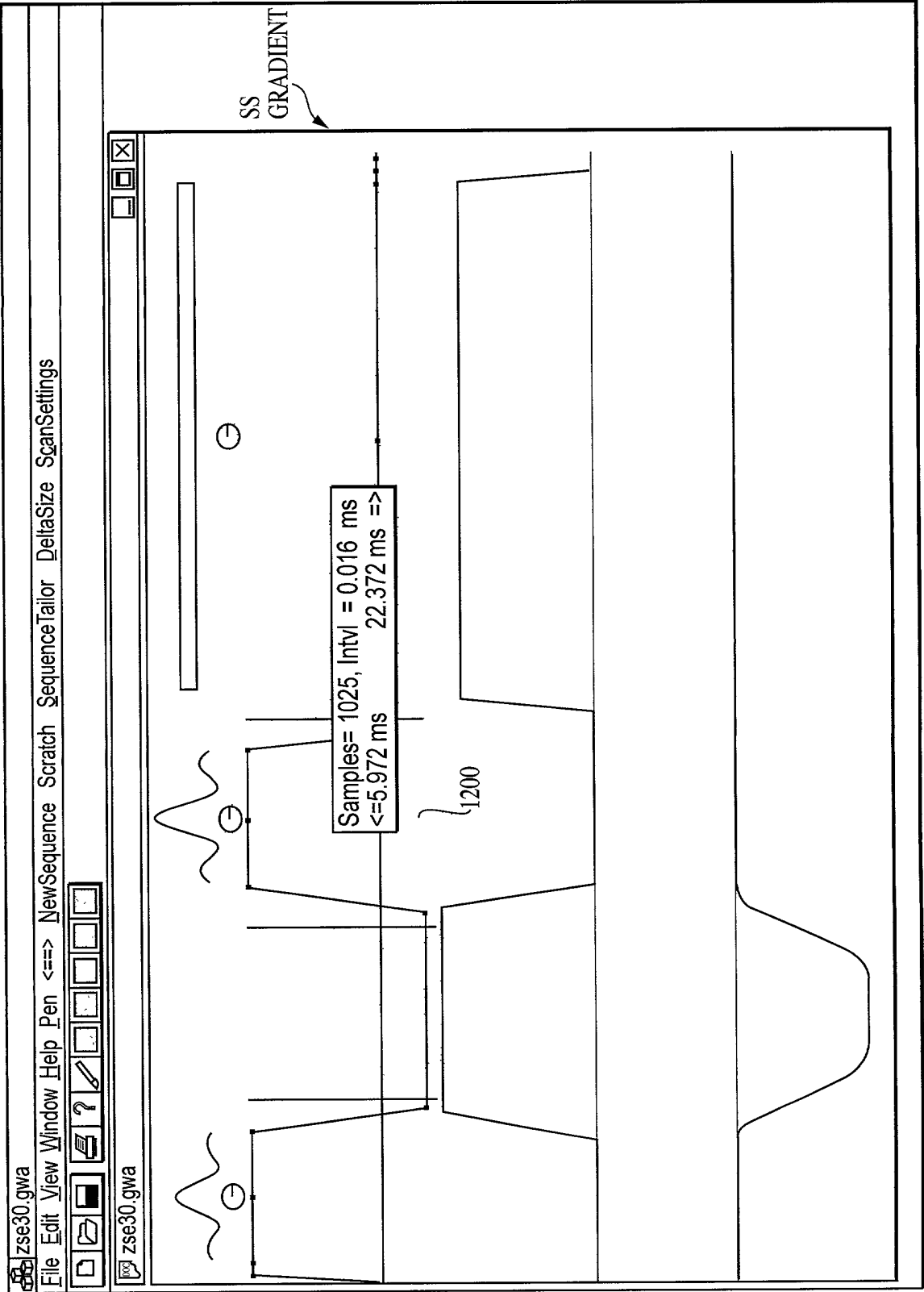


FIG. 12

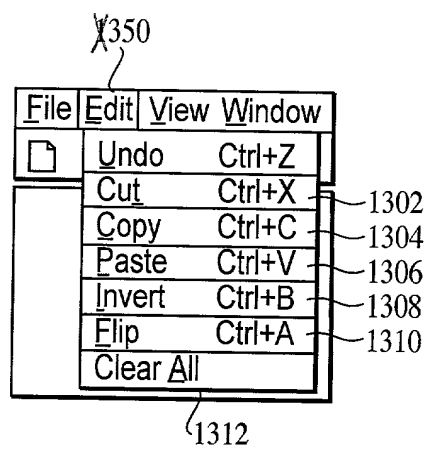


FIG. 13A

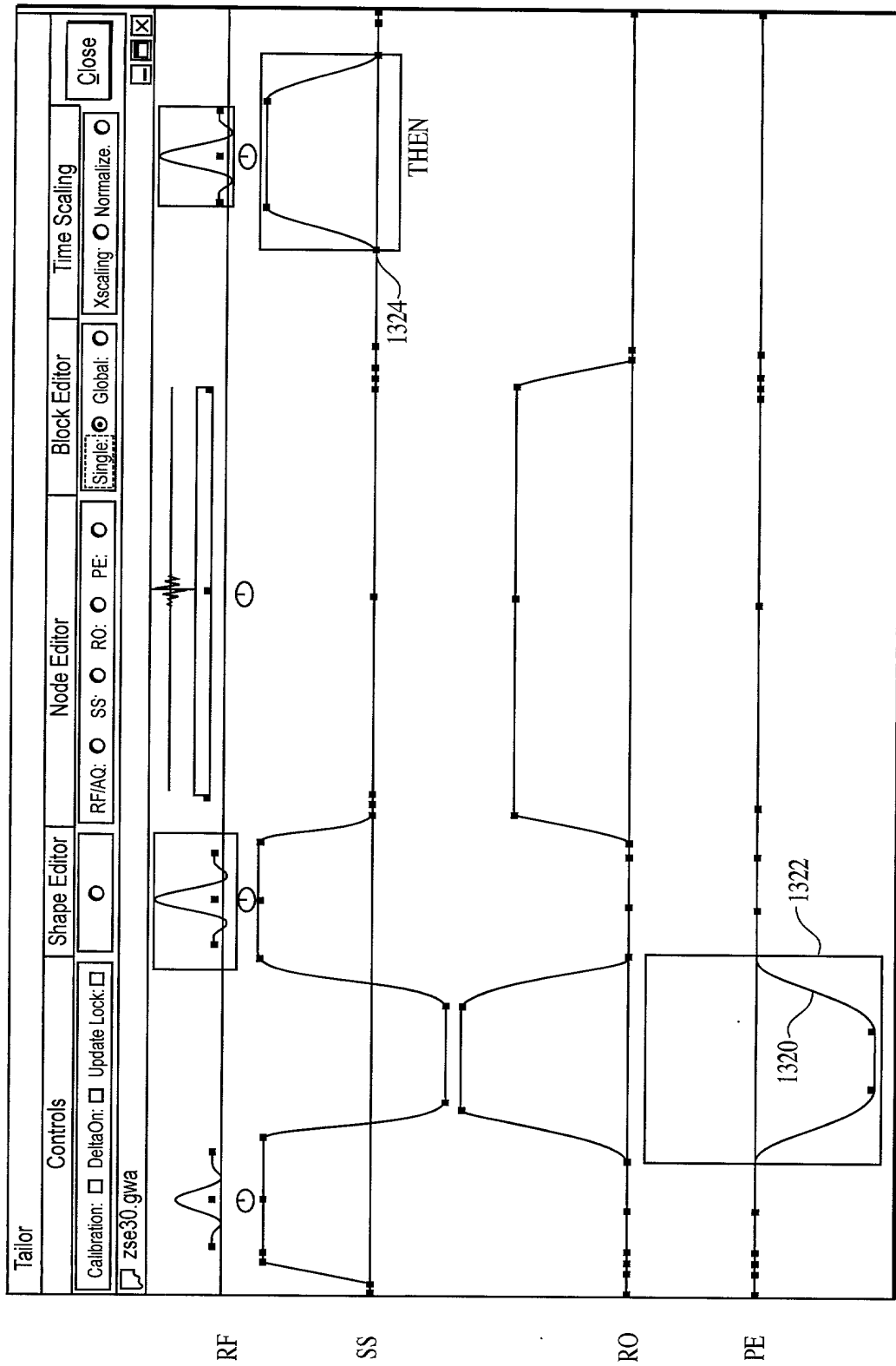


FIG. 13B

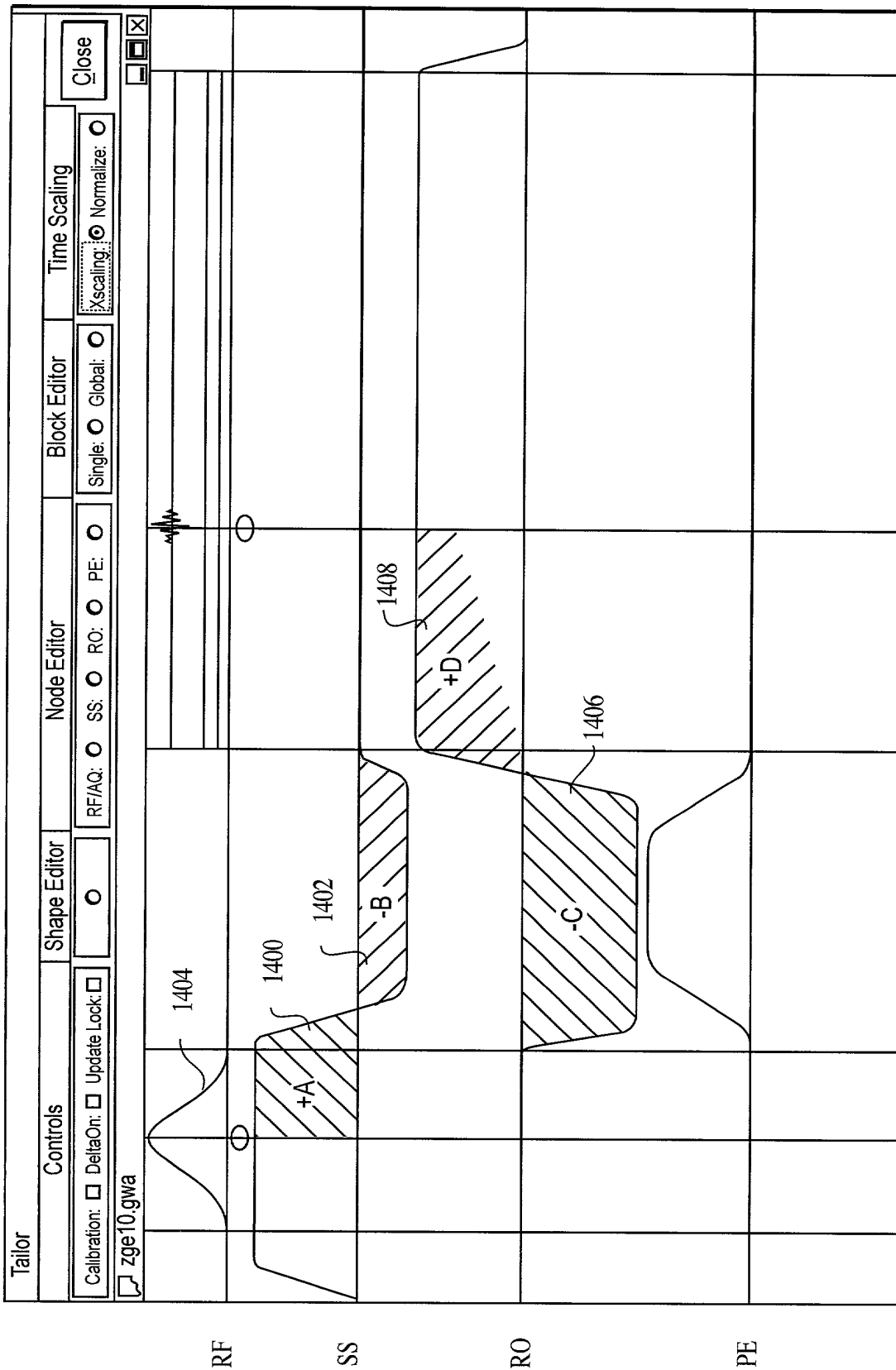


FIG. 14A

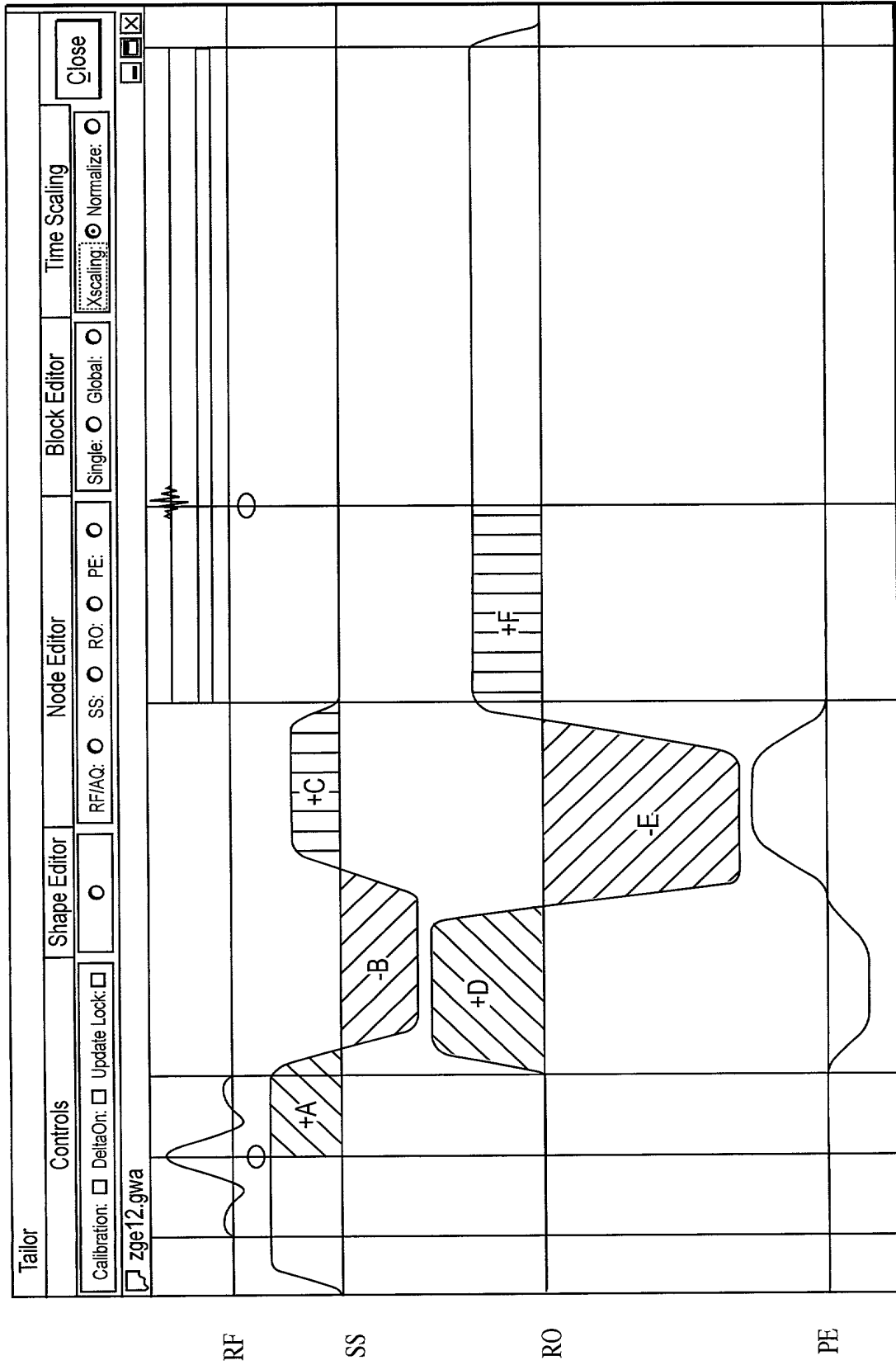


FIG. 14B

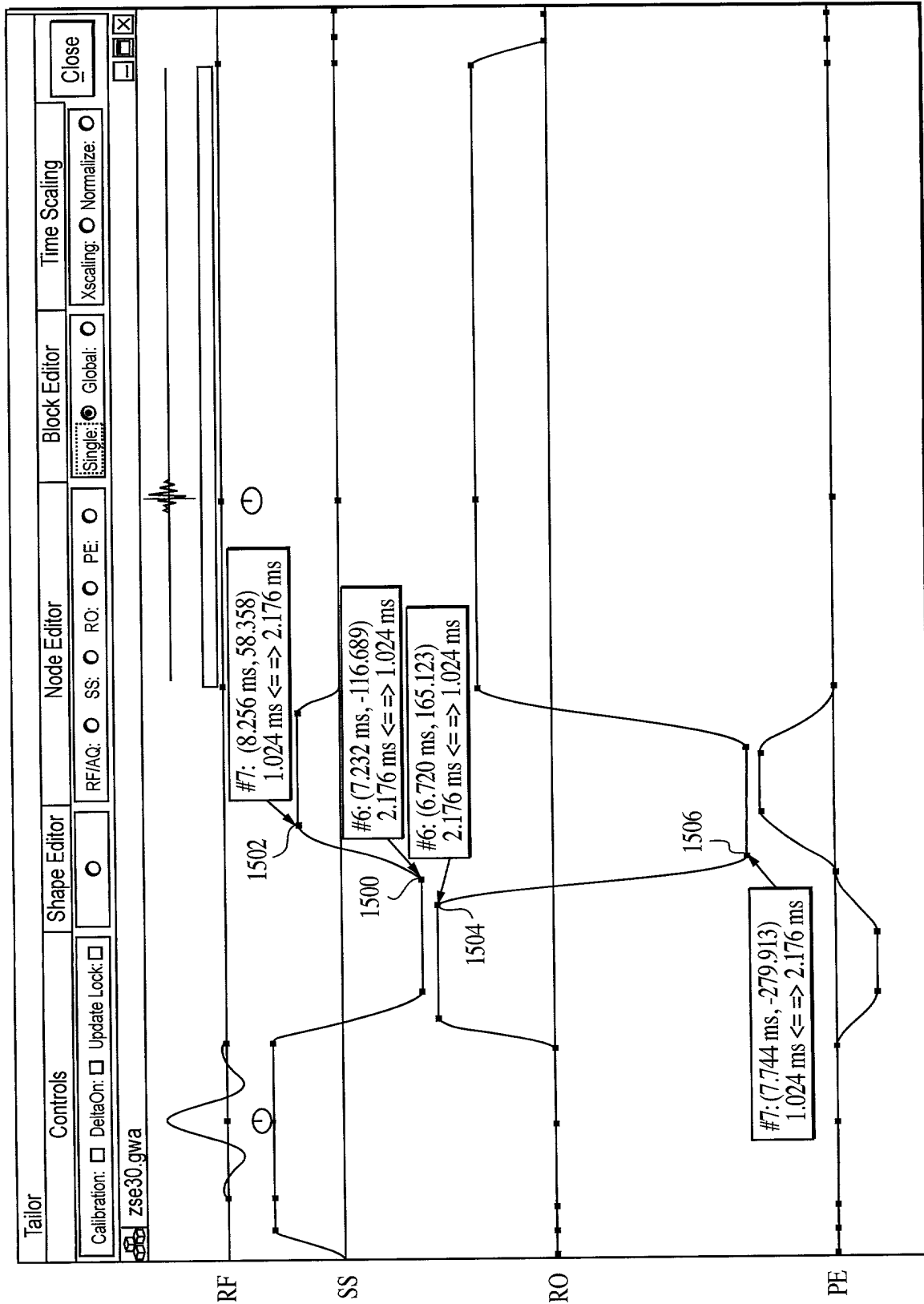


FIG. 15A

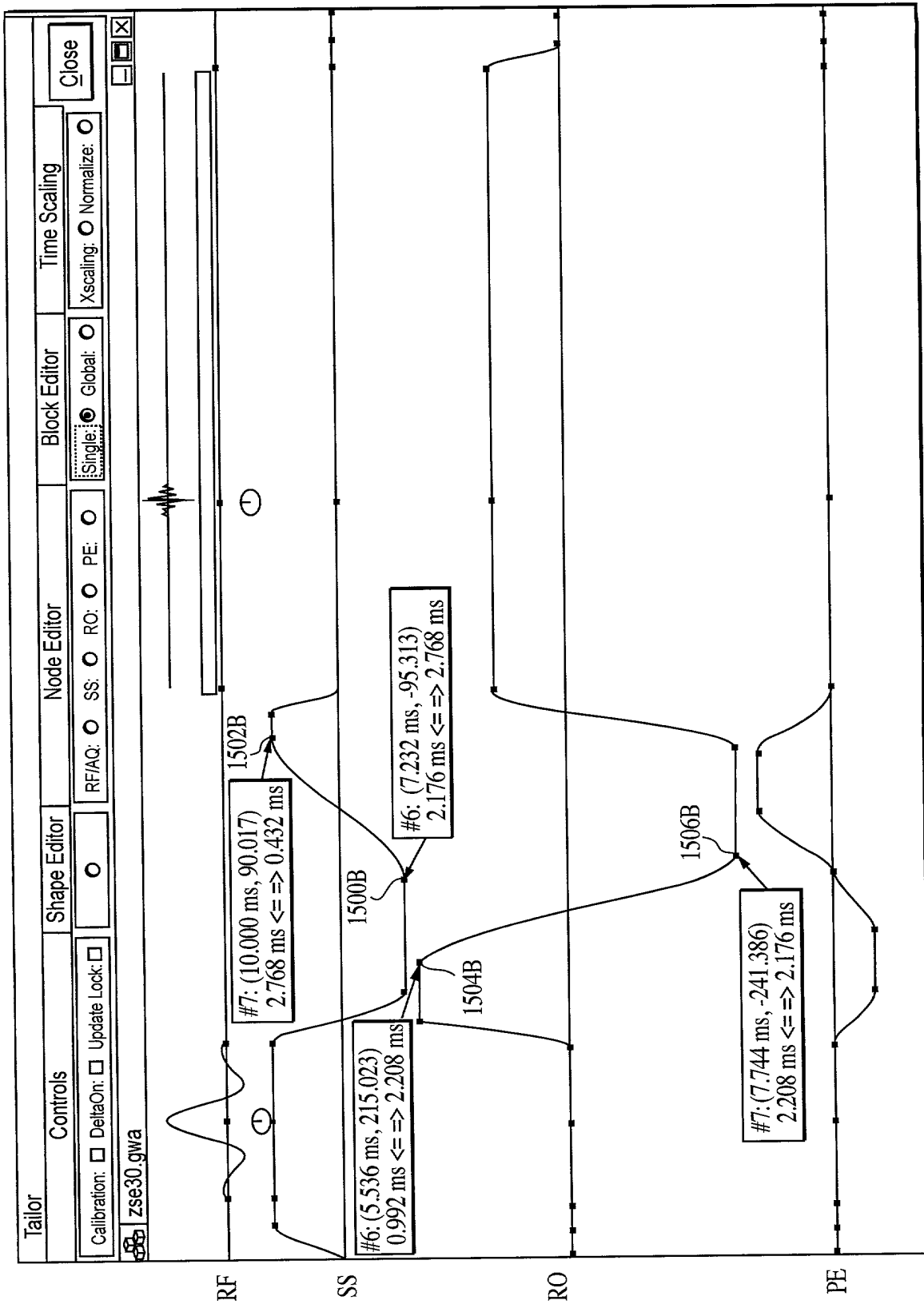


FIG. 15B

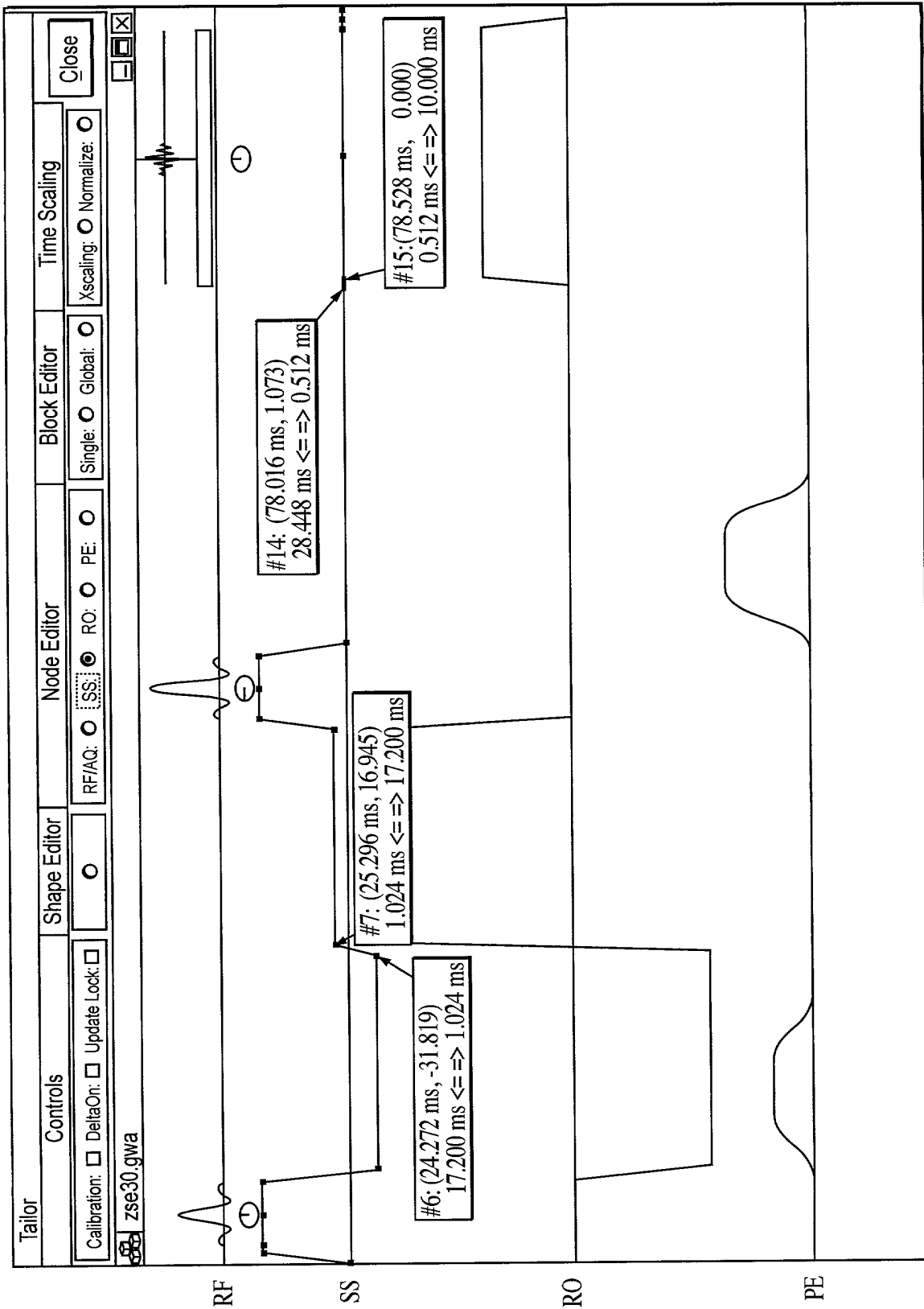


FIG. 16A

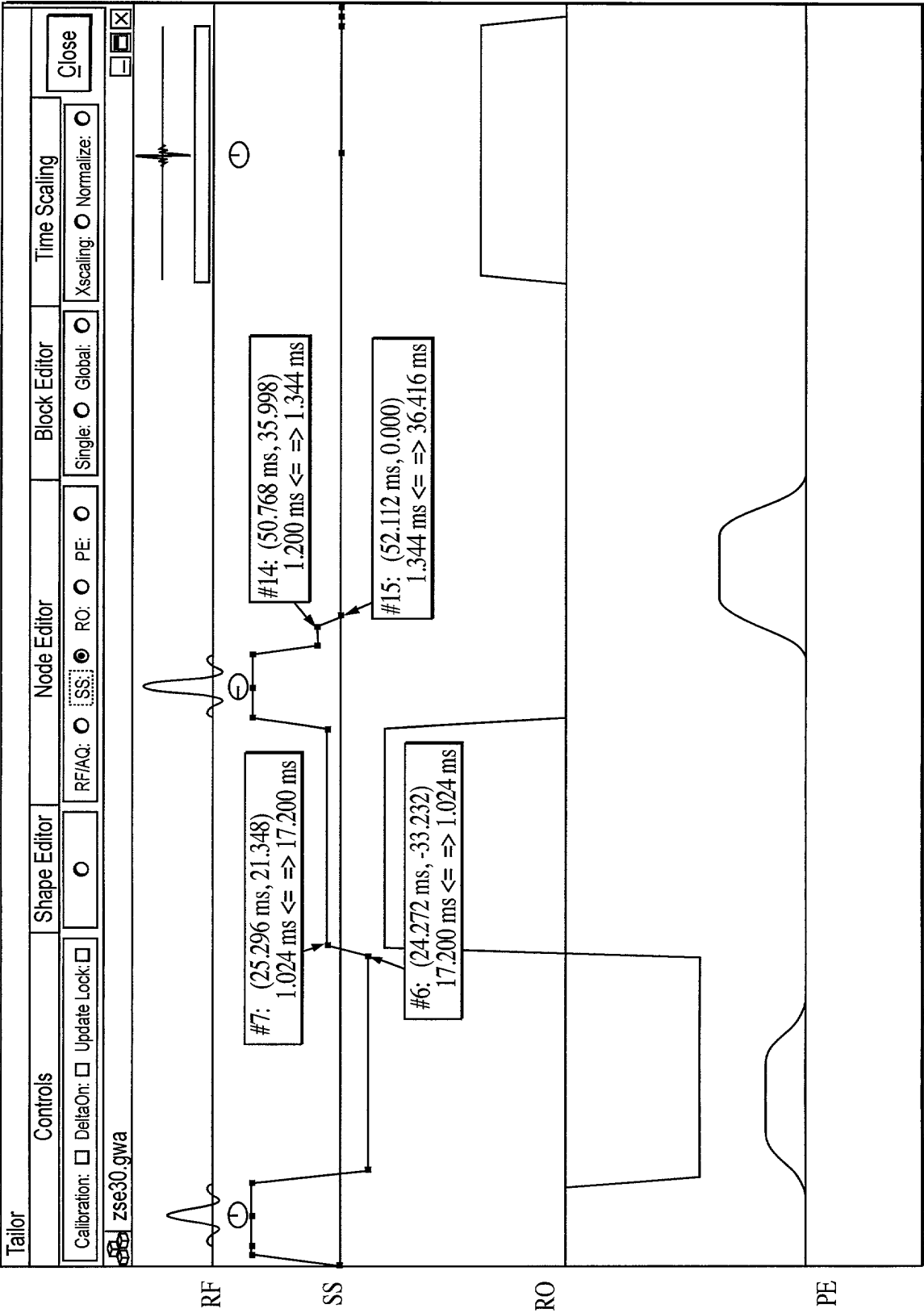


FIG. 16B

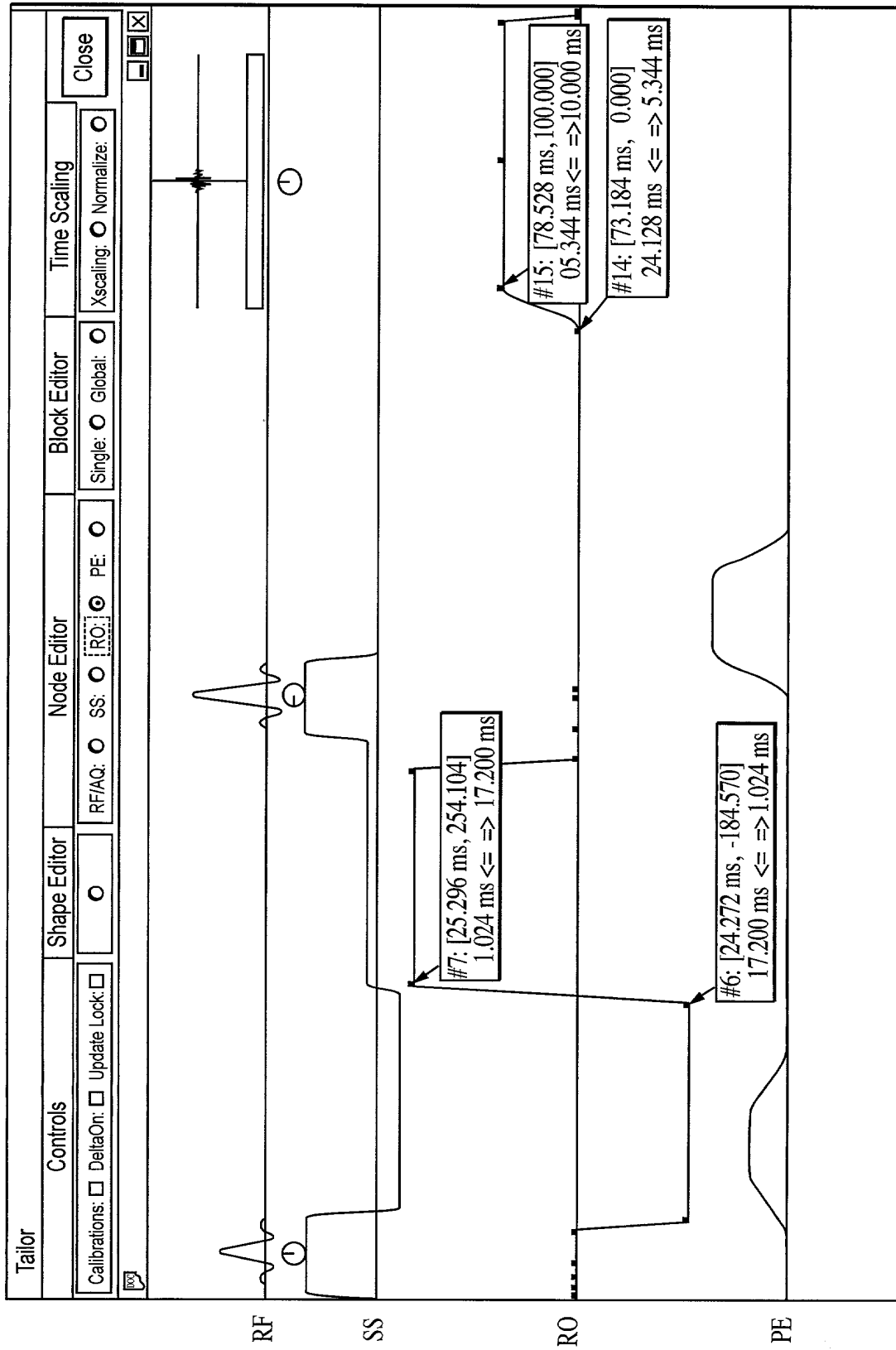


FIG. 16C

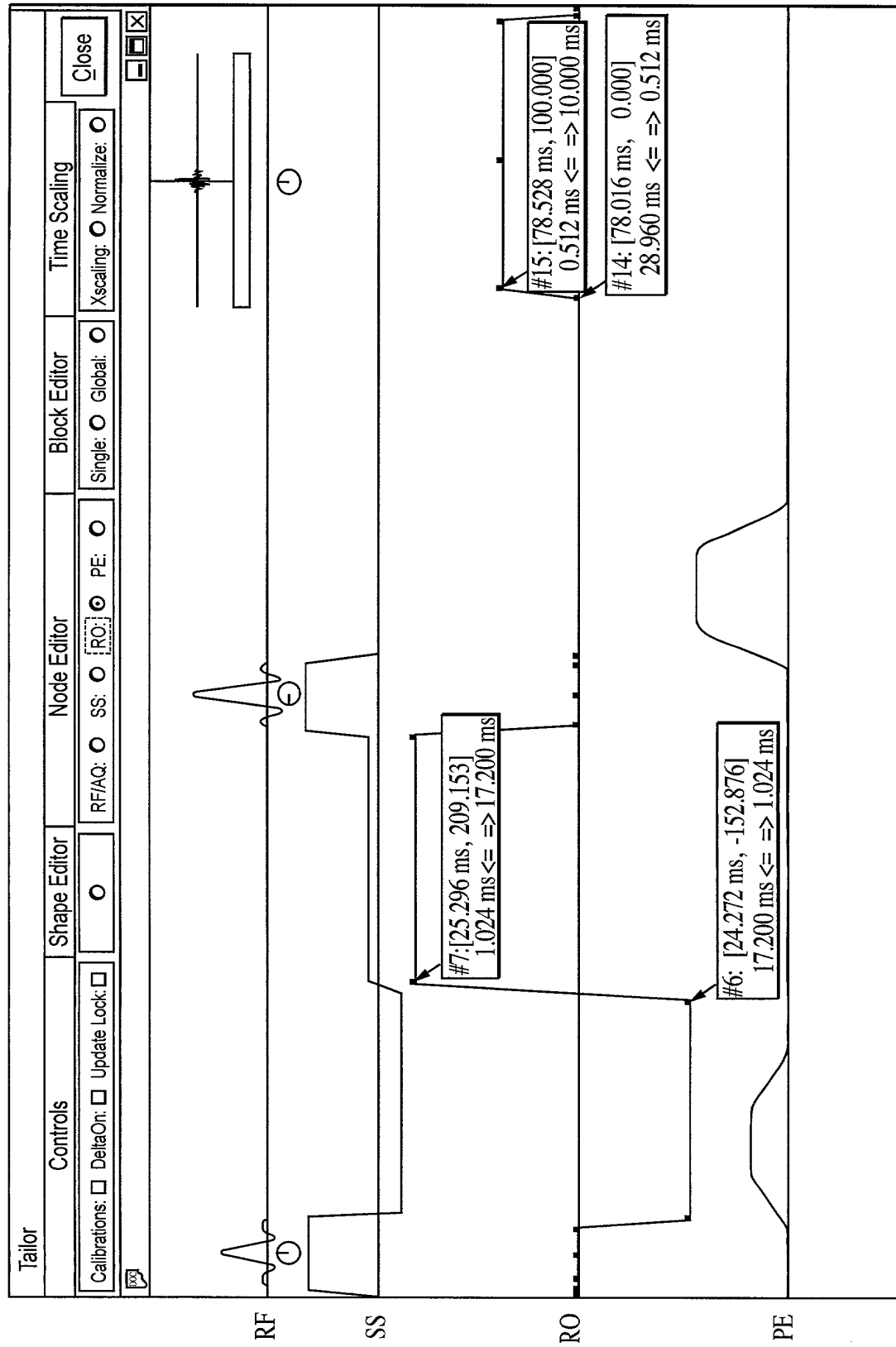


FIG. 16D

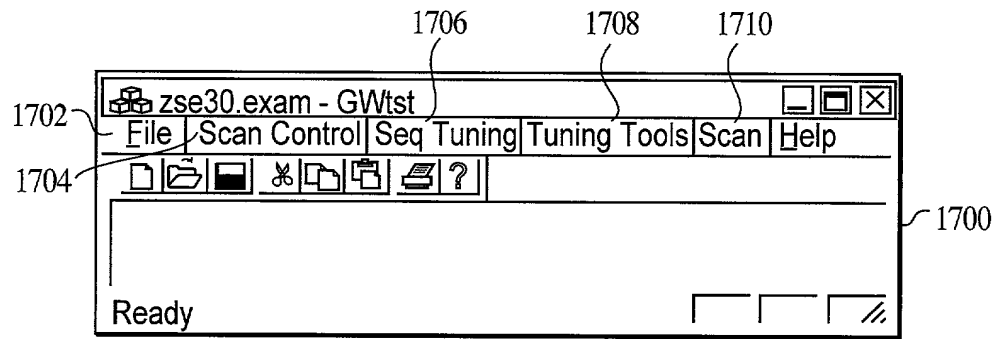


FIG. 17

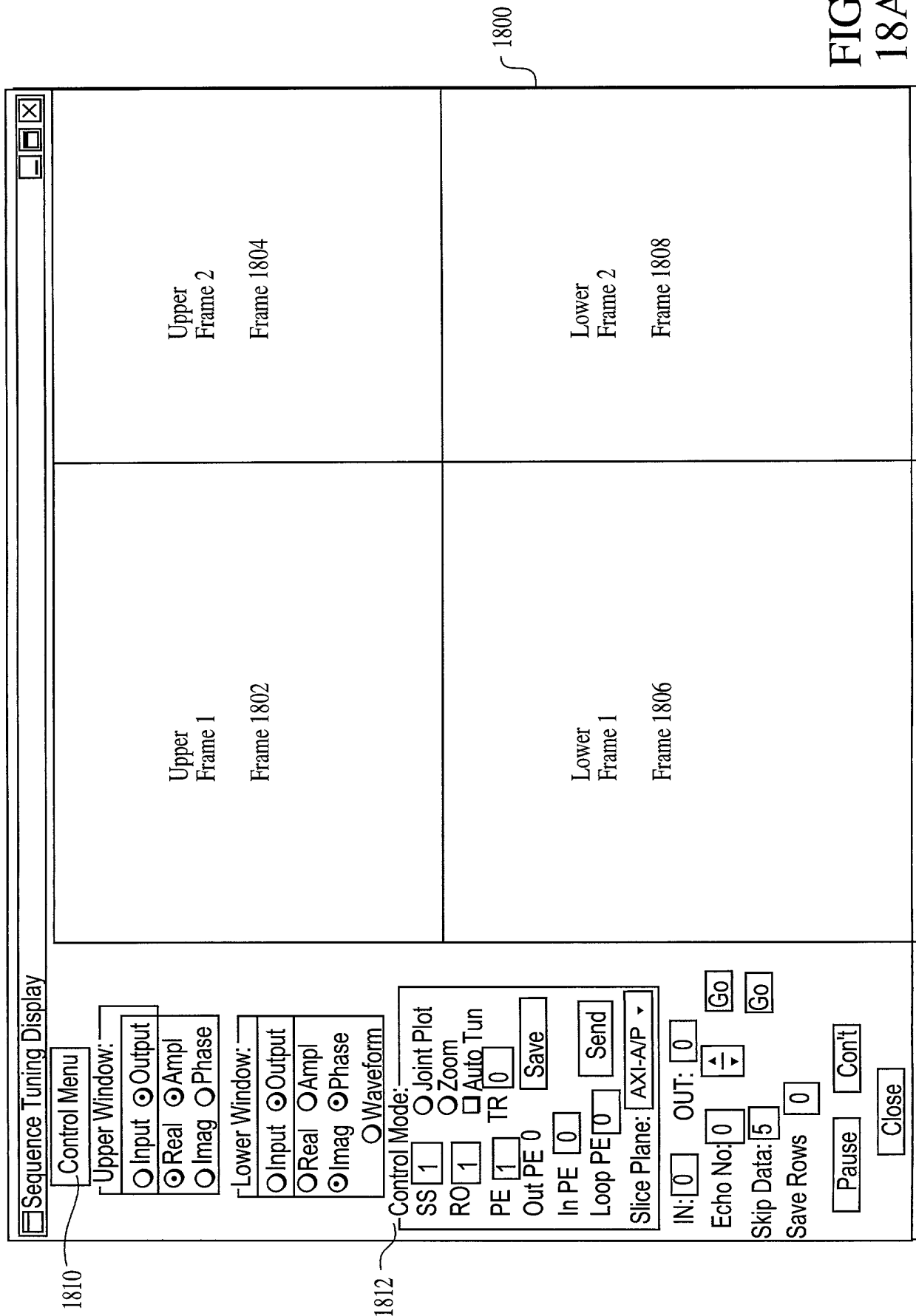


FIG. 18A

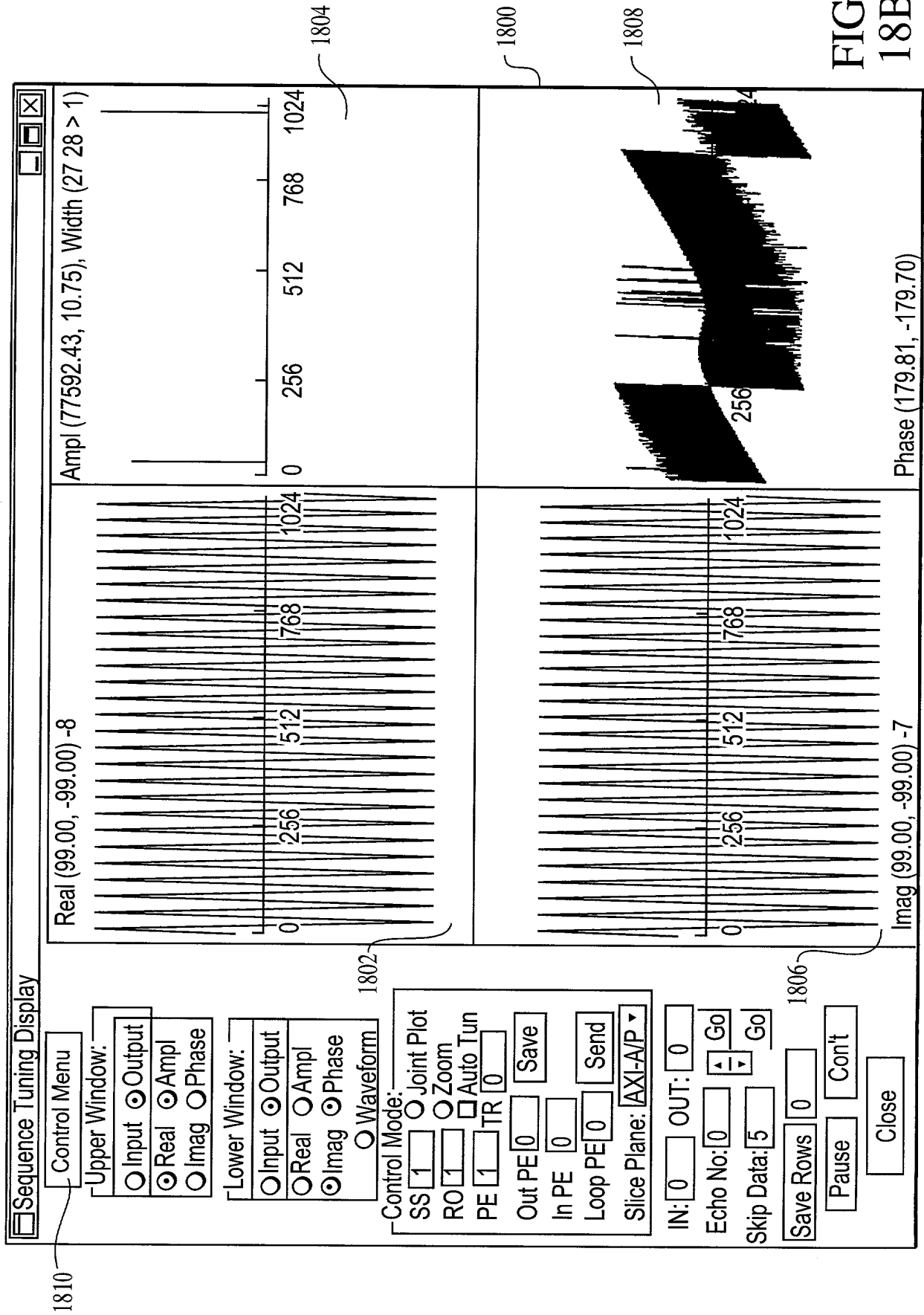


FIG.
18B

Scan Params

Exam:: H:\Fonar\Exams\zse30.exam

TE: 30 1902

Slices: 1 1904

TR: 46 1906

NEX: 1 1908

Levels: 128 1910

ETL: 0 1912 1914

Slice Plane: AXI-A/P ▼

1916 Scan Cancel

Scan Time: 5888 MSec.

Imag::

1900

FIG. 19